METHOD FOR DEFINING AN EXPERIMENTAL SPACE AND METHOD AND SYSTEM FOR CONDUCTING COMBINATORIAL HIGH THROUGHPUT SCREENING OF MIXTURES

ABSTRACT OF THE DISCLOSURE

A method comprises (A) defining a first experimental space comprising factors of at least two mixtures with at least one common factor, (B) defining a second experimental space by deleting duplicate factor combinations from the first experimental space and (C) conducting an experiment on the second experimental space. A system comprises a processor that (A) defines a first experimental space comprising factors of at least two mixtures with at least one common factor and (B) defines a second experimental space by deleting duplicate factor combinations from the first experimental space. The system also comprises a reactor and evaluator to select a best case set of factors from the second experimental space by a combinatorial high throughput screening (CHTS) method to select a best case set of factors from the second experimental space.

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